PATENT ABSTRACTS OF JAPAN

(11)Publication number:

10-297590

(43) Date of publication of application: 10.11.1998

(51)Int.Cl.

B63H 20/00 F02B 67/00

(21)Application number : **09-109546**

(71)Applicant: SANSHIN IND CO LTD

(22)Date of filing:

25.04.1997

(72)Inventor: KAMEOKA KENTARO

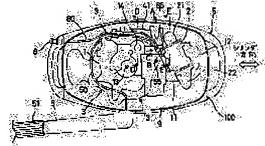
KITAJIMA KAZUYUKI

(54) INTAKE PASSAGE STRUCTURE FOR OUTBOARD MOTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an outboard engine having a compact upper structure without incliningly arranging a cylinder body.

SOLUTION: In this intake passage structure for an outboard engine, a starter 3 is arranged on the upper side of an engine in the outboard engine 100, and a carburetor 2 is arranged on an engine head 11 in the rear of the starter 3, being inclined in the direction of a cylinder in the engine and having a silencer 21 which extends downward and which has a lower end part formed therein with an opening. An intake manifold is led from the carburetor 2 to the engine therebelow, being inclined in a U-shape, and outer tubes 50, 80 for a throttle control wire and a choke control wire for the



carburetor 2 are held being attached at their front ends to the body of the carburetor 2.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office